

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**List of Plants for FARNESOL**

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Abelmoschus moschatus</i>	Seed	--	1200	1	--
<i>Acacia farnesiana</i>	Flower	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Acacia farnesiana</i>	Plant	--	--		--
<i>Ageratum conyzoides</i>	Plant	0.5	3.5	-0.537692482101717	--
<i>Aloysia citrodora</i>	Plant	1	7	-0.5305639832859745	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Beta vulgaris</i>	Root Essent. Oil	--	--		--
<i>Beta vulgaris</i>	Essential Oil	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Boswellia sacra</i>	Essential Oil	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Camellia sinensis</i>	Leaf	--	--		--
<i>Cananga odorata</i>	Flower	--	--		--
<i>Centella asiatica</i>	Shoot	--	--		Jim Duke's personal files.
<i>Chamaemelum nobile</i>	Plant	--	--		--
<i>Cinnamomum aromaticum</i>	Plant	--	--		--
<i>Cinnamomum verum</i>	Bark	3	12		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Cinnamomum verum</i>	Leaf Essent. Oil	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cinnamomum verum</i>	Stem Bark	--	--		--
<i>Citrus aurantium</i>	Plant	--	--		--
<i>Citrus aurantium</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Cuminum cyminum</i>	Fruit	--	834	1.413989751209689	--
<i>Cuminum cyminum</i>	Seed	834	834	-1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Cymbopogon citratus</i>	Plant	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Cymbopogon flexuosus</i>	Leaf	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
<i>Cymbopogon martinii</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Cymbopogon nardus</i>	Plant	6	36	-0.4714992788126798	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Cymbopogon parkeri</i>	Plant	315	1249	1.999034739328921	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Cymbopogon winterianus</i>	Plant	24	42	-0.45927899512854986	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Humulus lupulus</i>	Fruit	17	17	-0.6852064014620585	--
<i>Humulus lupulus</i>	Essential Oil	--	--		--
<i>Jasminum officinale</i>	Flower	--	--		--
<i>Juniperus communis</i>	Leaf	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Lantana camara	Plant	--	--		--
Matricaria recutita	Plant	--	--		Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Mentha spicata	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Myroxylon balsamum	Gum	--	--		--
Myroxylon balsamum	Plant	--	--		--
Ocimum basilicum	Plant	--	--		--
Origanum onites	Shoot	45	45	0.8546253297332486	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.
Origanum sipyleum	Shoot	5	5	-0.5782794147296829	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Origanum sipyleum	Shoot	--	10	-0.3991663216718165	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Origanum sipyleum	Shoot	--	5	-0.5782794147296829	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Origanum sipyleum	Shoot	--	3	-0.6499246519528294	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Peumus boldus	Leaf	80	100	-1	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Plumeria acutifolia</i>	Flower	--	--		--
<i>Polianthes tuberosa</i>	Flower	--	--		--
<i>Robinia pseudoacacia</i>	Flower	--	--		--
<i>Rosa gallica</i>	Flower	--	--		--
<i>Rubus idaeus</i>	Plant	--	--		--
<i>Salvia officinalis</i>	Plant	--	--		--
<i>Serenoa repens</i>	Fruit	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Sideritis mugronensis</i>	Flower	90	325		Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of <i>Sideritis mugronensis</i> Flower and Leaf. <i>J. Ess. Oil Res.</i> , 3: 395-397.
<i>Sideritis mugronensis</i>	Leaf	10	125	1	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of <i>Sideritis mugronensis</i> Flower and Leaf. <i>J. Ess. Oil Res.</i> , 3: 395-397.
<i>Sideritis scardica</i>	Shoot	80	80	2.1084169811383133	Menkovic, N., et al. 1991. The Essential Oil of <i>Sideritis scardica</i> . <i>Pl. Med.</i> 57. Suppl. 2. pp. A137-A132.
<i>Syringa vulgaris</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Thymus capitatus</i>	Shoot	0	0	-0.7573925077875493	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. &amp; Frag. J.</i> 8: 331-7.
<i>Vaccinium corymbosum</i>	Fruit	0.04	0.04	-0.728783349747631	--
<i>Zingiber officinale</i>	Rhizome	--	--		--
<i>Zingiber officinale</i>	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zingiber officinale	Rhizome Essent. Oil	--	--		--